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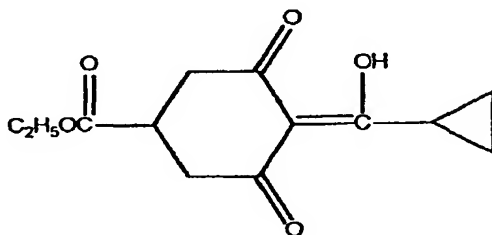
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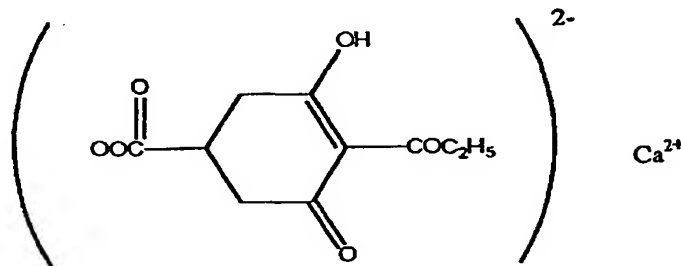
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For two-letter codes and other abbreviations, refer to the "Guid-
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ning of each regular issue of the PCT Gazette.

(54) Title: METHOD FOR INHIBITING DIFFERENTIATION AND FORMATION OF CONIFEROPHYTA MALE FLOWER
BY TREATMENT WITH PROHEXADIONE COMPOUNDS



(I)

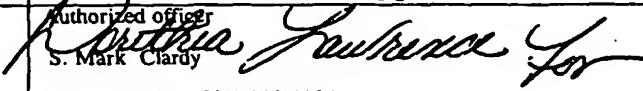


(57) Abstract: The present invention provides a method and composition for inhibiting the formation of Coniferophyta pollen, which has an excellent effect of inhibiting the formation of male Coniferophyta flowers without substantially inhibiting the elongation growth of the Coniferophyta trees. Prohexadione compounds are used as the active ingredients. The prohexadione compounds are, for example, as follows: formula (I).

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/09441

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : A01N 35/06, 37/08 US CL : 504/348 According to International Patent Classification (IPC) or to both national classification and IPC		
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 504/348 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched none Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet		
C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	US 5,665,680 A (NAKESEKO et al) 09 September 1997. See column 2, lines 9-10, and claim 12.	1-10
A	JP 59-231045 A (BRUNNA et al) See column 1.	1-10
A	TOMLIN, C.D.S. The Pesticide Manual. 11th edition. Entry 595, "prohexadione-calcium". 1987. pages 1008-1009.	1-10
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.		
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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230		Authorized officer  S. Mark Clardy Telephone No. (703) 308-1235

INTERNATIONAL SEARCH REPORT

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Continuation of B. FIELDS SEARCHED Item 3:

WEST (USPAT, PGPUBS, DWPI, EPO, JPO): prohexadione names, conifer-, pollen-, cryptomeria, dione-, triketone-, male, flower-, infloresc-, flora-, blossom-